Application No. 10/762,003
Art Unit 3754

In the Claims

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)



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Application No. 10/762,003
Art Unit 3754

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. Cancelled)

39 (Cancelled)

40. (Cancelled)

41. (Cancelled)

42. (Cancelled)

43. (Cancelled)

44. (Cancelled)

45. (Cancelled)



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46. (Cancelled)

47. (Cancelled)

48. (Cancelled)

49. (Cancelled)

50. (Cancelled)

51. (Cancelled)

52. (Cancelled)

53. (Cancelled)

54. (Cancelled)

55. (Cancelled)

56. (Currently Amended) An improved dispenser for dispensing an aerosol product with an aerosol propellant located within an aerosol container, the aerosol container having a bead defining an opening in the aerosol container, comprising:

a mounting cup [~~defined~~] comprising by a sidewall, a peripheral rim, a bottom wall and a central turret formed as a one-piece unit;

said central turret defining an axis of symmetry of said mounting cup;

an aerosol valve secured within said turret of said mounting cup;

said peripheral rim located radially outward of said turret of said mounting cup;

said sidewall having a first region adjacent to said peripheral rim and having a second region adjacent to said bottom wall of said mounting cup;

said first region of said sidewall being generally cylindrical having a cylindrical axis substantially coaxial with the axis of symmetry of said mounting cup;



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said second region of said sidewall being generally cylindrical having a cylindrical axis substantially coaxial with the axis of symmetry of said mounting cup [~~located radially inwardly relative to said first region of said sidewall~~] to provide a mounting surface;

a collapsible container for containing the aerosol product;

a bond for sealing the collapsible container to said mounting surface of said mounting cup;

said bond sealing the collapsible container located only to said mounting surface;

said second region of said sidewall being located radially inwardly relative to said first region of said sidewall a distance sufficient to provide clearance for inserting the mounting cup and the attached collapsible container through the opening defined by the bead of the aerosol container; and

said peripheral rim of said mounting cup adapted to be sealed to the bead of the aerosol container for enabling the aerosol propellant located within the aerosol container to apply pressure to said collapsible container to collapse said collapsible container upon an open of said aerosol valve to dispense the aerosol propellant from said collapsible container through said aerosol valve.

57. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 56, wherein said mounting surface comprises a cylindrical surface having a cylindrical axis coincident with an axis of symmetry of said mounting cup.

58. (New) An improved mounting cup for dispensing an aerosol product as set forth



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in claim 56, including a polymeric bond material for sealing the collapsible container to said mounting cup.

59. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 56, including a first polymeric bond material located on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material bonding with said second polymeric bond material for sealing the collapsible container to said mounting cup.

60. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 56, including a first polymeric bond material located on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material being sonically bonded to said second polymeric bond material for sealing the collapsible container to said mounting cup.

61. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 56, including a first polymeric bond material located on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material being heat sealed to said second polymeric bond material for sealing the collapsible container to said mounting cup.



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62. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 56, including a first polymeric bond material laminated on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material bonding to said second polymeric bond material for sealing the collapsible container to said mounting cup.

63. (NEW) An improved dispenser for dispensing an aerosol product with an aerosol propellant located within an aerosol container, the aerosol container having a bead defining an opening in the aerosol container, comprising:

a mounting cup comprising a sidewall, a peripheral rim, a bottom wall and a central turret formed as a one-piece unit;

said central turret defining an axis of symmetry of said mounting cup;

said peripheral rim located radially outward of said turret of said mounting cup;

an aerosol valve secured within said turret of said mounting cup;

said bottom wall of said mounting cup being substantially perpendicular the axis of symmetry of said mounting cup;

said sidewall having a first region adjacent to said peripheral rim and having a second region adjacent to said bottom wall of said mounting cup;

said first region of said sidewall being generally cylindrical having a cylindrical axis substantially coaxial with the axis of symmetry of said mounting cup;

said second region of said sidewall being generally cylindrical having a cylindrical axis



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substantially coaxial with the axis of symmetry of said mounting cup to provide a mounting surface;

a collapsible container for containing the aerosol product;

a bond for sealing the collapsible container to said mounting surface of said mounting cup;

said bond sealing the collapsible container located only to said mounting surface;

said second region of said sidewall being located radially inwardly relative to said first region of said sidewall a distance sufficient to provide clearance for inserting the mounting cup and the attached collapsible container through the opening defined by the bead of the aerosol container; and

said peripheral rim of said mounting cup adapted to be sealed to the bead of the aerosol container for enabling the aerosol propellant located within the aerosol container to apply pressure to said collapsible container to collapse said collapsible container upon an open of said aerosol valve to dispense the aerosol propellant from said collapsible container through said aerosol valve.

64. (NEW) An improved dispenser for dispensing an aerosol product with an aerosol propellant located within an aerosol container, the aerosol container having a bead defining an opening in the aerosol container, comprising:

a mounting cup comprising a sidewall, a peripheral rim, a bottom wall and a central turret formed as a one-piece unit;

said central turret defining an axis of symmetry of said mounting cup;



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an aerosol valve secured within said turret of said mounting cup;

said peripheral rim located radially outward of said turret of said mounting cup;

said bottom wall of said mounting cup being substantially perpendicular the axis of symmetry of said mounting cup;

said sidewall being generally cylindrical having a cylindrical axis substantially coaxial with the axis of symmetry of said mounting cup;

a projection extending from said bottom wall of said mounting cup defining a sealing surface;

said sealing surface defining a generally cylindrical surface substantially coaxial with the axis of symmetry of said mounting cup;

a collapsible container for containing the aerosol product;

a bond for sealing the collapsible container to said sealing surface of said mounting cup;

said bond sealing the collapsible container located only to said sealing surface;

said projection being located radially inwardly relative to said sidewall a distance sufficient to provide clearance for inserting the mounting cup and the attached collapsible container through the opening defined by the bead of the aerosol container; and

said peripheral rim of said mounting cup adapted to be sealed to the bead of the aerosol container for enabling the aerosol propellant located within the aerosol container to apply pressure to said collapsible container to collapse said collapsible container upon an open of said aerosol valve to dispense the aerosol propellant from said collapsible container through said aerosol valve.



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